

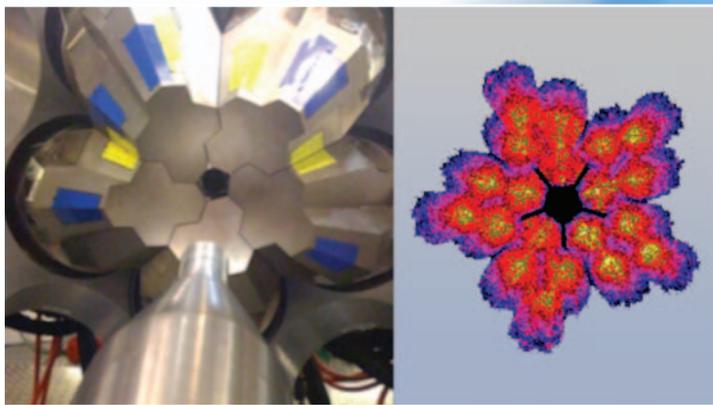


18th REAL-TIME CONFERENCE

2012

June 11-15, 2012, Berkeley, CA

An interdisciplinary
conference –
realtime data acquisition
and computing in the
physical sciences
applications.



Gamma Ray Energy Tracking In-Beam Array
(GRETINA)

Key dates:

Deadline for abstract submission: **March 2, 2012**

Program available: **April 2, 2012**

Tutorials and xTCA Workshop: **June 9-10, 2012**

Applications Include:

High energy physics, Nuclear physics, Astrophysics and astroparticle physics, Nuclear fusion, Medical physics, Space instrumentation, Nuclear power instrumentation, Realtime security and safety, General radiation instrumentation.

Topics:

Realtime system architectures, Intelligent signal processing, Fast data transfer links and networks, Trigger systems, Data acquisition, Processing-farms, Control, monitoring, and test systems, Upgrades, Emerging realtime technologies, New standards, Realtime safety and security, Feedback on experiences.

Organizers:

General Chair: Sergio Zimmermann, LBNL

Scientific Program Chair: Réjean Fontaine,
Université de Sherbrooke

Treasurer: Henrik von der Lippe, LBNL

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Location: Hotel Shattuck Plaza, Berkeley, CA



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